

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP97/03969

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl⁶ H01L21/60, H01L23/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl⁶ H01L21/60, H01L23/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Toroku Jitsuyo Shinan Koho	1994 - 1997	1996 - 1997

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A Y A	JP, 8-330355, A (Shinko Electric Industries Co., Ltd.), December 13, 1996 (13. 12. 96), Column 8, lines 34 to 44; column 9, line 19 to column 10, line 6; Figs. 9, 10 & EP, 734065, A2	1 - 5 6 - 13 14 15 - 29
Y A Y A	JP, 8-78574, A (Shinko Electric Industries Co., Ltd.), March 22, 1996 (22. 03. 96), Column 5, line 7 to column 6, line 38; Fig. 1 & EP, 701278, A2	1 - 5 6 - 13 14 15 - 29
Y A Y A	JP, 9-139401, A (Shinko Electric Industries Co., Ltd.), May 27, 1997 (27. 05. 97), Column 4, line 6 to column 8, line 38; Figs. 1 to 4 (Family: none)	1 - 5 6 - 13 14 15 - 29

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

January 22, 1998 (22. 01. 98)

Date of mailing of the international search report

February 3, 1998 (03. 02. 98)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP, 8-102466, A (NEC Corp.),	4
A	April 16, 1996 (16. 04. 96),	22
A	Column 6, line 1 to column 7, line 14;	26
A	Figs. 1, 2 & EP, 704895, A2	27 - 29
Y	JP, 8-250498, A (Sony Corp.),	14
	September 27, 1996 (27. 09. 96),	
	Column 4, line 42 to column 6, line 22;	
	column 10, lines 15 to 30; Fig. 1 (Family: none)	
A	JP, 2-77138, A (Hitachi, Ltd.),	17
	March 16, 1990 (16. 03. 90),	
	Page 13, upper right column, lines 10 to 15;	
	Fig. 15 (Family: none)	